

Project Management

Training course for mining professionals

COURSE OVERVIEW

Developed with the Boiler Room (a leading training and development consultancy) and VBKOM (a mining services consultancy), this course is designed to elevate your Project Management skills in the mining industry. Our collaboration with industry experts ensures high-quality, personalised customised training. Leveraging VBKOM's extensive expertise, the course enhances your Project Management practice with a focus on accessibility and interactive engagement through responsive design and real-world case studies.

Aligned with the PMBOK Guide, it covers the 5 Project Management Process Groups (Initiating, Planning, Executing, Monitoring and Controlling and Closing) and the 10 Knowledge Areas (Project Integration Management, Project Scope Management, Project Schedule Management, Project Cost Management, Project Quality Management, Project Resource Management, Project Communications Management, Project Risk Management, Project Procurement Management and Project Stakeholder Management). Scenario-based assessments ensure an 80% mastery level before progressing, **equipping you to manage projects effectively and advance your career.**

What will you learn?

The Project Management for Mining Professionals e-learning course offers a thorough analysis of Project Management processes, providing you with the skills needed to make informed decisions.

You'll learn to streamline work, minimise risks, optimise resources, and achieve project goals within scope, budget, and timelines.

By mastering the PMBOK Guide's practical tools and techniques, you'll become a highly skilled Project Management professional, positioning yourself for career advancement and new opportunities.

- 1 Master Project Management principles & processes.
- 2 Hands-on experience with practical tools & techniques.
- 3 Strategies for efficient project delivery.
- 4 Enhanced problem-solving skills.
- 5 Improved Risk Management.

The course explores the 5 core Project Management Process Groups and the 10 fundamental Knowledge Areas crucial for effective Project Management.

Is this course for you?

This course is perfect for mining professionals, including Project Managers and Specialists from various fields, who are involved in managing and executing mining projects at different stages.

If you have at least two years of Project Management experience and are looking to enhance your skills and advance your career, this training is for you.

What will you gain?

Upon successfully completing the course, you will receive a Certificate of Completion. This credential signifies your mastery of Project Management principles and practical skills specific to the mining industry, enhancing your professional profile and career prospects.

Note that this course does not offer formal accreditation.

Why our course?

This course stands out with its dynamic, hands-on approach, blending interactive modules and real-life scenarios.

Unlike traditional Project Management courses, it features engaging simulations, practical exercises, and immediate feedback, ensuring that you not only understand but, actively apply Project Management principles.



Approximate Time to Complete the Module

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- Module 1 | Understanding Project Management (Part 1)**
TOPICS
- Project Management Fallacies
 - History of Project Management
 - Project and Product Lifecycles
 - Different Project Lifecycle Types
 - The Uncertainty Paradox
- Module 2 | Understanding Project Management (Part 2)**
TOPICS
- Project Stages
 - Project Management Knowledge
 - Project Management Concepts
- Module 3 | Flow of a Project**
TOPICS
- The Cornerstones of a Project
 - Project Development Stages
 - Brief Recap Module 1
 - Initiating, Planning, Executing, Monitoring & Controlling, Closing
 - The 5 Project Management Process Groups
- Module 4 | Initiating a Project (Part 1)**
TOPICS
- Business Case vs Business Plan
 - Benefits Management Plan
 - Identify Key Stakeholders
 - Project Charter best practices and guidelines
 - Project goals and SMART objectives
- Module 5 | Initiating a Project (Part 2)**
TOPICS
- Complete the Stakeholder Management Plan
 - Acquire the Project Team
 - Collect Requirements
 - Choose the Best Project Approach
- Module 6 | Planning a Project (Part 1)**
TOPICS
- Define the Scope
 - Create the Work Breakdown Structure (WBS)
- Module 7 | Planning a Project (Part 2)**
TOPICS
- Develop the Schedule
 - Work Breakdown Structure (WBS)
 - Break the WBS into individual activities
 - Network diagram
- Module 8 | Planning a Project (Part 3)**
TOPICS
- Estimate Cost and Determine the Budget
 - Develop the Project Management Plan
 - Approve the Project Management Plan
 - Baseline the Scope, Budget and Schedule

- Module 9 | Risk Management**
TOPICS
- Identify, assess and prioritise Risks
 - Monitoring and controlling the likelihood, impact of Risk Events
 - Opportunities and Threats
 - Four types of uncertainties
 - Five key steps of a generic Risk Management Process
- Module 10 | Cost Management**
TOPICS
- Earned Value and Earned Value Management concepts
 - Three key components of Earned Value: Planned Value, Earned Value, and Actual Cost
 - Calculate Schedule and Cost Variances
 - Schedule and Cost Performance Indexes
- Module 11 | Quality Management**
TOPICS
- Differentiate between Quality Assurance and Quality Control
 - Differentiate between Quality and Grade
 - Quality Management integration with Project Management Knowledge Areas
- Module 12 | Resource Management**
TOPICS
- The human aspect in Projects
 - Organisational influence on Projects
 - Personnel and their challenges
- Module 13 | Communication Management**
TOPICS
- Categorise effective communication practices
 - Key causes and consequences of miscommunication
 - Stakeholder communication
 - Four principal communication styles
- Module 14 | Procurement Management**
TOPICS
- Project Procurement Management Plan
 - Connecting Resource Management with Procurement Management
 - Contracting and pricing strategies
- Module 15 | Project Execution**
TOPICS
- Apply various PMI Knowledge Areas
 - Interpret the Project Schedule
 - Evaluate project metrics necessary for tracking Project Execution
 - Importance of meetings in Project Monitoring
- Module 16 | Project Closing**
TOPICS
- How to plan, execute and organise Project Closeout
 - Common issues and challenges encountered during the Closure process
 - Responsibilities and functions of the Project Manager during the Closure process
 - Steps required to ensure proper Project Closure